LTN8608-P8N
Platinum 86-Series 8K NVR

Key Features

- H.265+ / H.265 / H.264+ / H.264 video formats
- Up to 8 channels of IP camera inputs
- Up to 8 channels @ 8 MP decoding capacity
- Up to 128 Mbps incoming bandwidth

Professional and Reliable

- H.265+ compression effectively reduces the storage usage by up to 75%
- Dual-stream recording saves bandwidth
- Streams over TLS encryption for more secure transmission service
- Supports double verification for playback and downloading

HD Video Output

- Provides independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution

Storage and Playback

- Up to 2 x SATA interfaces for up to 14 TB per HDD
- 8 channels of synchronous playback

Smart & POS Functions

- Support smultiple VCA (Video Content Analytics) events
- Special camera smart functions are configurable, such as motion, line crossing, intrusion, heat map, LPR, etc.
- POS data overlay on live view and playback, and POS triggered recording and alarm
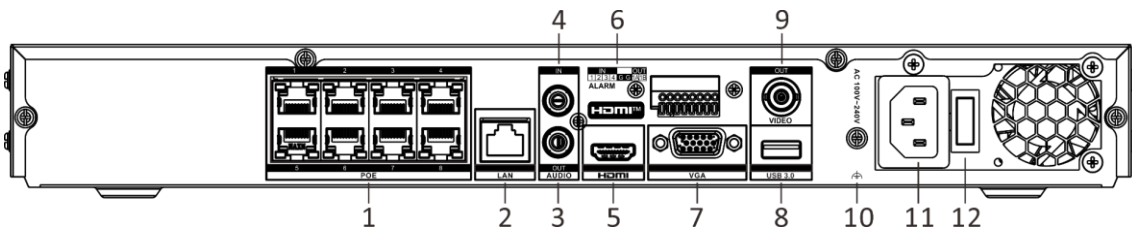
Network & Ethernet Access

- 8 x independent PoE network interfaces
- 1 x self-adaptive 10/100/1000 Mbps Ethernet interfaces
- PT Cloud & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Supports web access without additional plug-in

Specifications

Video and Audio	
IP Video Input	8 channels of up to 32 MP resolution
Incoming Bandwidth	128 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	**8K:** 7680 × 4320 @ 30 Hz; **4K**: 3840 × 2160 @ 60 Hz, 3840 × 2160 @ 30Hz; **2K:** 2560 × 1440 @ 60 Hz, 1920 × 1080 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 720 @ 60 Hz, 1024 × 768 / 60 Hz
VGA Output	1920 × 1080 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 720 @ 60 Hz, 1024 × 768 @ 60 Hz
Video Output Mode	HDMI / VGA independent output
CVBS Output	1 ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1 ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1 ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
Format	H.265+ / H.265 / H.264+ / H.264
Recording Resolution	3, 4, 5, 6, 8, 12, 24, 32 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	8 channels
Decoding Capability	4 channels of 12 MP @ 20 fps / 8 ch of 8 MP @ 25 fps
Dual-Stream Recording	Supported
Stream Type	Video, Video & Audio
Audio Compression	G.711 ulaw / G.711 alaw / G.722 / G.726 / AAC / MP2L2
Network	
Remote Connections	128
Network Protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTP, HTTPS
Network Interface	1 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	8 x RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 120 W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 x SATA interfaces
Capacity	Up to 14 TB storage capacity for each HDD

Alarm In/Out	4/1
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 15 W (without HDD and PoE off)
Operating Temperature	14° to 131° F (-10° to 55° C)
Operating Humidity	10% to 90%
Dimensions (W × D × H)	15.2 × 12.4 × 2.0 in. (385 × 315 × 52 mm)
Weight (without HDD)	≤ 2.2 lbs (3 kg)
Certifications	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:201 9, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

Physical Interface

No.	Description	No.	Description
1	Network interfaces with PoE function	7	VGA output
2	LAN interface	8	USB 3.0 interface
3	Audio out	9	CVBS video output
4	Audio in	10	GND
5	HDMI interface	11	100 to 240 VAC power supply
6	Alarm In and Alarm Out	12	Power switch

Dimensions (mm)

385

52

315

322

Ø2 Ø4

Mounting ear:
Optional accessory
for rack-mounting.